

# Boqian Li

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## EDUCATION

### Huazhong University of Science and Technology

*B.Eng. in Electrical Engineering (Biomedical Engineering)*

Wuhan, China

Sep 2020 – Jun 2025

- GPA: 4.52/5.0 | Average Score: 90.7
- Rank: 1/54

## PUBLICATIONS

1. ETCH: Generalizing Body Fitting to Clothed Humans via Equivariant Tightness  
**Boqian Li**, Haiwen Feng\*, Zeyu Cai, Michael J. Black, Yuliang Xiu†. (\* group lead, † corresponding author) *International Conference on Computer Vision (ICCV)* 2025 (**Highlight Paper, Top 8.9%**).
2. GarmentDreamer: 3DGS Guided Garment Synthesis with Diverse Geometry and Texture Details  
**Boqian Li\***, Xuan Li\*, Ying Jiang\*, Tianyi Xie, Feng Gao, Huamin Wang, Yin Yang, Chenfanfu Jiang. (\*equal contribution) *International Conference on 3D Vision (3DV)* 2025.
3. UP2You: Fast Reconstruction of Yourself from Unconstrained Photo Collections  
Zeyu Cai, Ziyang Li, Xiaoben Li, **Boqian Li**, Zeyu Wang, Zhenyu Zhang†, Yuliang Xiu†. († shared corresponding author) *arXiv* 2025.

## EXPERIENCE

### Geometry, Vision, and Learning (GVL) Lab at USC

*Research Intern (Advisor: Yue Wang)*

Los Angeles, USA

Oct 2025 – Present

- Research Topic: Vision-Language-Action (VLA) models

### The University of Texas at Austin

*Research Intern (Advisor: Qixing Huang, Georgios Pavlakos)*

Austin, USA

Jul 2025 – Sep 2025

- Research Topic: Leveraging Video Model Priors for Enhanced 3D Human Motion Generation

### Endless AI Lab at Westlake University

*Research Intern (Advisor: Yuliang Xiu)*

Hangzhou, China

Jul 2024 – May 2025

- Research Topic: 3D Human Pose Shape Estimation and Representation
- Publications: ETCH, UP2You

### Artificial Intelligence & Visual Computing Lab at UCLA

*Research Intern (Advisor: Chenfanfu Jiang, Yin Yang)*

Los Angeles, USA

Nov 2023 – May 2024

- Research Topic: 3D Garment Synthesis, Diffusion-Based Generative Models, Texture Reconstruction, 3D Gaussian Splatting.
- Publication: GarmentDreamer

### Cognitive Computing and Intelligent Information Processing Lab at HUST

*Research Intern (Advisor: Wei Wei)*

Wuhan, China

Sep 2022 – Feb 2023

- Research Topic: Debiased Visual Question Answering Model

## HONORS & AWARDS

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<b>National Scholarship</b>	Dec 2022
- <b><u>Top 0.2%</u></b> nationally, China's highest undergraduate honor	<i>Huazhong University of Science and Technology</i>
<b>Outstanding Undergraduate</b>	Apr 2022
- <b><u>Top 1%</u></b> university-wide, the greatest honor for undergraduates	<i>Huazhong University of Science and Technology</i>
<b>All-Round Excellence Student</b>	Jan 2023
- <b><u>Top 5%</u></b> university-wide	<i>Huazhong University of Science and Technology</i>
<b>All-Round Excellence Student</b>	Dec 2021
- <b><u>Top 5%</u></b> university-wide	<i>Huazhong University of Science and Technology</i>
<b>Academic Excellence Scholarship</b>	Apr 2021
	<i>Huazhong University of Science and Technology</i>

## TECHNICAL SKILLS

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**Languages:** Python, C/C++, Matlab, C#

**Libraries:** Pytorch, TensorFlow, Scikit-Learn, OpenCV, Pandas, NumPy, Matplotlib